#### **REMARKS**

Claims 1-56, 58-90, and 92-93 were pending. Of these claims, claims 7, 51-56, and 85-90 were withdrawn from consideration. None of the claims has been amended.

Applicant respectfully notes that although the Examiner indicated consideration of six Information Disclosure Statements, he did not indicate consideration of the Information Disclosure Statements that were received by the USPTO on February 12, 2001, February 26, 2001, July 28, 2003, September 15, 2003, November 12, 2003, February 24, 2004, and October 18, 2004. In order to expedite prosecution of this application, Applicant has enclosed duplicate copies of these Information Disclosure Statements and stamped postcards showing that they were received by the USPTO on these dates. Applicant respectfully requests that the Examiner indicate consideration of the documents submitted with these Information Disclosure Statements by initialing the PTO-1449 forms submitted therewith, and attaching same to the next communication to Applicant.

Claims 12, 17, 23, and 29 stand rejected under 35 U.S.C. § 112, second paragraph, as being incomplete for omitting essential elements. Applicant respectfully traverses. The Examiner did not indicate which elements were omitted (if any). On February 15, 2005, the undersigned attorney and the Examiner discussed this rejection over the phone. The Examiner stated that he did not mean to include this rejection and that Applicant should ignore the rejection.

Claims 1-6, 8-11, 37-46, 50, 58-59, 75-80, 84, and 92-93 stand rejected under 35 U.S.C. § 102(e) as being anticipated by Sharma. Applicant respectfully traverses. The filing date of Sharma is February 11, 2000. Applicant's invention was reduced to practice in the United States prior to February 11, 2000. Therefore, Applicant submits a declaration and appropriate attached exhibit according to 37 C.F.R. § 1.131 to overcome Sharma.

Claims 47-49 and 81-83 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Sharma in view of Official Notice. Applicant respectfully traverses. These claims depend from their respective base claims, which are patentable over Sharma. In addition, these claims recite other features not included in their respective base claims. Thus, claims 47-49 and 81-83 are patentable over Sharma in view of Official Notice. Additionally, for the record, Applicant traverses the Examiner's assertions concerning the disclosure of Official Notice and the motivation to combine Sharma and Official Notice.

Claims 12-36 and 60-74 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Sharma in view of Deianov. Applicant respectfully traverses. The filing date of Deianov is February 4, 2000. Applicant's invention was reduced to practice in the United States prior to February 4, 2000. Therefore, Applicant submits a declaration and appropriate attached exhibit according to 37 C.F.R. § 1.131 to overcome Deianov.

Applicant submits that this declaration under 37 C.F.R. § 1.131 to overcome Sharma and Deianov could not have been submitted previously, because the Examiner cited Sharma and Deianov for the first time in the Office Action dated January 26, 2005.

Applicant respectfully requests consideration of the declaration and attached exhibit and a notice of allowance concerning pending claims 1-56, 58-90, and 92-93. If the Examiner believes that the declaration and attached exhibit are in any way insufficient to overcome Sharma and Deianov according to 37 C.F.R. § 1.131, Applicant respectfully requests that the Examiner contact the undersigned attorney by telephone to discuss the matter.

## Favorable action is hereby solicited.

		Respectfully submitted,
		PAWAN GOYAL
Dated:	3-3-05	By: ABBATTER
		Sabra-Anne R. Truesdale
		Reg. No. 55,687 Fenwick & West LLP
		Silicon Valley Center
		801 California Street
		Mountain View, CA 94041
		Tel.: (650) 335-7187
		D (CEO) 020 5000



Date Mailed: 2/9/01	Atty/Sec: JB/cck	Filing Date: February 14, 2000
Serial No. 09/503,975		Docket No.: 21816-04464
Applicant: Pawan Goyal	f and the second	
Title: Restricting Communication of	f Selected Processes to	a Set of Specific Network Address
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☑ IDS, PTO-1449, and cited refere	nces A-X	ormal Drawings: sheets
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		21816/04464/DOCS/11425



#### IN THE UNITED STATES

#### PATENT AND TRADEMARK OFFICE

APPLICANTS:

Pawan Goyal

**APPLICATION NO.:** 

09/503,975

FILING DATE:

February 14, 2000

TITLE:

Restricting Communication of Selected Processes to a Set of Specific

Network Addresses

**EXAMINER:** 

Not yet known

**GROUP ART UNIT:** 

2759

ATTY. DKT. NO.:

21816-04464

	C	ERTIFI	CATE OF M	AILING
I hereby certify that this corr	espondence is b	eing depos	ited with the Uni	ted States Postal Service as first class mail in an
				0231, on the date shown below:
Dated:	2	901	Ву:	a.c. Smith
	•	•	Albert C	. Smith, Reg. No.: 20,355

COMMISSIONER FOR PATENTS WASHINGTON, DC. 20231

## INFORMATION DISCLOSURE STATEMENT Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO-1449 listing references for consideration by the Examiner. A copy is enclosed herewith of each listed reference which may be material to the examination of this application, and with respect to which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

	applio refere	cation Se ences cite	rial No.	s, under 35 U.S.C. § 120, on the earlier filing date of prior [SERIAL NUMBER], filed on [FILING DATE], and the in are hereby referenced, but are not required to be provided in 37 CFR § 1.98(d).
The I	nformat	tion Disc	losure S	tatement submitted herewith is being filed:
	$\boxtimes$			onths of the filing date of the application, or date of entry into
•				action on the merits, whichever event last occurred; OR
		before	the mail	ling of a first official action after the filing of a request for
		continu	ied exar	nination (RCE) under 37 CFR § 1.114;
		entry o	f the na	on the filing date of this national application or the date of tional stage in an international application, or after the mailing
				t official action on the merits, whichever event last occurred,
				mailing date of the first to occur of either:
	•	(1)		l action under 37 CFR §1.113; OR
		(2)		ce of allowance under 37 CFR §1.311; AND
		ليا		ed hereto is the fee of \$180, as set forth under 37 CFR §1.17(p)
				bmission of this Information Disclosure Statement under 37
		<u></u>		§ 1.97(c); OR
			Appn	cant certifies pursuant to 37 CFR § 1.97(e) that:  each item of information contained in this Information
		٠.		Disclosure Statement was cited in a communication from a
				foreign patent office in a counterpart foreign application not
				more than three months prior to the filing of this Statement; OR
	•		П	no item of information contained in this Information
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				foreign patent office in a counterpart foreign application or, to
				the knowledge of the person signing this certification after
				making reasonable inquiry, was known to any individual
				designated under 37 CFR § 1.56(c) more than three months
				prior to the filing of this Statement.
		OR		
		before	e the pa	yment of the issue fee but after the mailing date of the first to
			of eithe	

	[1]	a final action under 37 CFR § 1.113; OR
	[2]	a notice of allowance under 37 CFR § 1.311; AND
		in accordance with the requirements of 37 CFR § 1.97(d):
•		Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
		each item of information contained in this Information
		Disclosure Statement was cited in a communication from a
		foreign patent office in a counterpart foreign application not
		more than three months prior to the filing of this Statement; OR
		no item of information contained in this Information
		Disclosure Statement was cited in a communication from a
,		foreign patent office in a counterpart foreign application or, to
		the knowledge of the person signing this certification after
		making reasonable inquiry, was known to any individual
		designated under 37 CFR § 1.56(c) more than three months
		prior to the filing of this Statement; AND
		Applicant hereby respectfully petitions for the consideration of
		the accompanying Information Disclosure Statement under 37 CFR
	_	§ 1.97(d)(2); AND
		Applicant submits the petition fee of \$180 as set forth in 37 CFR § 1.17(p).
		omits that no fee is required for the consideration of the accompanying
Information Disclosu	re State	ment.
Consideration	of the	listed references and favorable action are solicited.
		Respectfully submitted, PAWAN GOYAL
Dated:	21	9/01 By: Q. C. Smith
		Albert C. Smith, Reg. No.: 20,355
		Fenwick & West LLP
		Two Palo Alto Square
		Palo Alto, CA 94306 Tel.: (650) 858-7296
		Fax.: (650) 494-1417
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EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.

DATE CONSIDERED

EXAMINER



Sheet 2 of 2 U.S. DEPARTMENT OF COMMERCE Attomey's Docket No. Serial No. (REV. 6-89) 21816-04464 Patent and Trademark Office 09/503.975 INFORMATION DISCLOSURE CITATION Applicant Pawan Goyal (Use several sheets if necessary) Filing Date Group Art Unit February 14, 2000 2759 **U.S. PATENT DOCUMENTS** Examiner initial **Document Number** Name Class Subclass Filing Date If Appropriate **FOREIGN PATENT DOCUMENTS Document** Country Class Subclass **Translation** Number Yes OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Plummer, D. C., An Ethernet Address Resolution Protocol -- or -- Converting Network Protocol Addresses to 48.bit Ethernet Address for Transmission on Ethernet Hardware, November 1982, fonline], [retrieved on 1-17-2000]. Retrieved from the Internet: <URL: http://www.msg.net/kadow/answers/extras/rfc/rfc826.txt> Huang, X. W. et al., "The ENTRAPID Protocol Development Environment," Proceedings of IEEE O Infocom'99, March 1999, nine pages Duffield, N.G., et al., "A Flexible Model for Resource Management in Virtual Private Networks," R Computer Communication Review Conference, Computer Communication, ACM SIGCOMM '99 Conference, Cambridge, MA, 8/30/99-9/3/99. pp 95-108 S Campbell, A. T. and Keshav, S., "Quality of Service in Distributed Systems," Computer Communications 21, 1998, pp 291-293 Bach, M. J., The Design of the Unix® Operating System, New Delhi, Prentice-Hall of India, 1989. Т pp v-x, 19-37 McDougall, R., et al., Resource Management, Upper Saddle River, NJ, Prentice Hall, 1999, pp iiikix, 135-191 V Rijsinghani, A., RFC 1624, May 1994, [online], [retrieved 02-02-2000]. retrieved from the internet: <URL: http://www.faqs.org/rfcs/rfc1624.html> Mallory, T and Kullberg, A., RFC 1141, January 1990 [online], [retrieved 02-02-2000]. retrieved W from the Internet: <URL: http://www.faqs.org/rfcs/rfc1141.html> Egevang, K. and Francis P., RFC 1631, May 1994 [online], [retrieved 02-02-2000]. retrieved from  $\overline{\mathbf{X}}$ the Internet: <URL: http://www.faqs.org/rfcs/rfc1631.html> EXAMINER DATE CONSIDERED EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. nclude copy of this form with next communication to applicant.



9/11/03

Attv/Sec: JB/ck

Filing Date: February 14, 2000

Application No.: 09/503,975

Applicants: Pawan Goyal

Docket No.: 21816-04464

<u>Title: Restricting Communication of Selected Processes to a Set of Specific Network Addresses</u>

Please imprint Patent Office "date stamp" hereon to indicate receipt and return card to addressee.

Transmittal

IDS, PTO/SB/08A and cited references A-C



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0001/PTO U.S. Department of Con Rev. 10/95 Patent and Trademark	ninerce i	Application Number	09/503,975		
1		Filing Date	February 14, 2000		
TRANSMITTAL FORM		First Named Inventor	Pawan Goyal		
(to be used for all correspondence during pende filed application)	ncy of	Group Art Unit Number	2134		
		Examiner Name	Thomas M. Ho		
Total Number of Pages in This Submission 5*		Attorney Docket Number	21816-04464		
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

THEFT LICANT(S):

Pawan Goyal

APPLICATION NO.:

09/503,975

FILING DATE:

February 14, 2000

TITLE:

Restricting Communication of Selected Processes to a Set of

Specific Network Addresses

**EXAMINER:** 

Thomas M. Ho

**GROUP ART UNIT:** 

2134

ATTY. DKT. NO.:

21816-04464

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated:

9/11/03

By: Jehn

Jeffrey Brill, Reg. No.: 51,198

COMMISSIONER FOR PATENTS

P.O. BOX 1450

**ALEXANDRIA, VA 22313-1450** 

## INFORMATION DISCLOSURE STATEMENT Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner. Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;

Ц			ling of a first official action after the filing of a request for
			mination (RCE) under 37 CFR § 1.114;
Ц			nths of the filing date of this national application or the date
			national stage in an international application, or after the
			f the first official action on the merits, whichever event last
			perfore the mailing date of the first to occur of either: (1) a
			der 37 CFR §1.113; or (2) an action that otherwise closes
			the application, and:
		attach	ed hereto is the fee set forth under 37 CFR §1.17(p) for
	ı	submi	ssion of this Information Disclosure Statement under 37
	1	CFR.§	3 1.97(c); OR
		Appli	cant certifies pursuant to 37 CFR § 1.97(e) that:
			each item of information contained in this Information
	•		Disclosure Statement was first cited in a communication
•			from a foreign patent office in a counterpart foreign
	•		application not more than three months prior to the filing of
	•		this Statement; OR
	l		no item of information contained in this Information
		•	Disclosure Statement was cited in a communication from a
•			foreign patent office in a counterpart foreign application
			and, to the knowledge of the person signing this
			certification after making reasonable inquiry, no item of
			information contained in this Statement was known to any
		•	individual designated under 37 CFR § 1.56(c) more than
•			three months prior to the filing of this Statement;
	on or be	fore t	he payment of the issue fee but after the mailing date of the
	first to c	occur (	of either: (1) a final action under 37 CFR § 1.113; (2) a
			wance under 37 CFR § 1.311; or (3) an action that otherwise
			ution in the application, and:
÷		Applic	cant certifies pursuant to 37 CFR. § 1.97(e) that:
			each item of information contained in this Information
•			Disclosure Statement was cited in a communication from a
			foreign patent office in a counterpart foreign application not
		•	more than three months prior to the filing of this Statement;
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			no item of information contained in this Information
			Disclosure Statement was cited in a communication from a
			a communication in a communication in the

	foreign patent office in a counterpart foreign application
	and, to the knowledge of the person signing this
	certification after making reasonable inquiry, no item of
	information contained in this Statement was known to any
	individual designated under 37 CFR § 1.56(c) more than
٠	three months prior to the filing of this Statement; AND
	attached hereto is the fee set forth under 37 CFR §1.17(p) for
. *	submission of this Information Disclosure Statement under 37
	CFR.§ 1.97(c); OR
	after the payment of the issue fee. Applicant requests that the information
	contained in this Information Disclosure Statement be placed in the file
	according to 37 CFR § 1.97(i), although the information may not be
	considered by the USPTO.
П	···
	This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior
	application No.[APPLICATION NUMBER], filed on [FILING DATE], and the
	references cited therein are hereby referenced, but are not required to be provided
. —	in this application under 37 CFR § 1.98(d).
ليا	Each item of information contained in this Information Disclosure Statement was
	cited in a communication from a foreign patent office in a counterpart application,
	and the communication was not received by any individual designated in 37 CFR
	§ 1.56(c) more than thirty days prior to the filing of this Information Disclosure
	Statement. 37 CFR § 1.704(d).
	Applicant submits that no fee is required for the consideration of this Information
	Disclosure Statement.
Consi	deration of the listed references and favorable action are solicited.
	Respectfully submitted,
	PAWAN GOYAL
Dated: 9	111/03 By: Jehn Bri
	Jeffrey Brill, Reg. No.: 51,198
	Fenwick & West LLP
	Silicon Valley Center 801 California Street
	Mountain View, CA 94041
	Tel.: (650) 335-7291
	Fax.: (650) 938-5200

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number.

TADE	Substitute for form 14	49A/PTO		Complete if Known	
INFO	RMATION DI	SCI OSURE	Application No.	09/503,975	
	TEMENT BY		Filing Date	February 14, 2000	
	· —	A I FIOMIAI	First Named Inventor	Pawan Goyal	
			Art Unit	2134	
		····	Examiner Name	Thomas M. Ho	
Sheet	1 of	1	Attorney Docket Number	21816-04464	

			U.S. PAT	ENT DOCUMENTS
		Document No.		
Examiner Initials*	Cite No. <sup>1</sup>	Number – Kind Code² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	Α	US-6,393,484 B1	05/21/2002	Massarani
	В	5,978,373	11/02/1999	Hoff et al.
	С	5,920,699	07/06/1999	Bare
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Examiner Initials*	Cite No.1	OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published						
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Examiner Signature	Date Considered		 <del></del>
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



Date Mailed: 7/25/03 | Atty/Sec: SAT/dkc | Filling Date: February 14, 2009 Application No.: 09/503,975

Title: Restricting Communication of Selected Processes to a Set of Specific Network Addresses

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Transmittal IDS, PTO/SB/08A and cited references



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R 0 8 20	Pate	Approved for ent and Trademark Office: 1	PTO/SB/21 (modified) use through xx/xx/xx, OMB 0651-0031 J.S. DEPARTMENT OF COMMERCE
TRADES	. No. Department of Commerce	Application Number	09/503,975
		Filing Date	February 14, 2000
	TRANSMITTAL FORM	First Named Inventor	Pawan Goyal
·	(to be used for all correspondence during pendency of filed application)	Group Art Unit Number	2131
		Examiner Name	Gail O. Hayes
	Total Number of Pages in This Submission 6**	Attorney Docket Number	21816-04464
	ENCLOSURES	(check all that apply	()
	Fee Transmittal Form (in duplicate) Check Enclosed  Return Receipt Postcard Response to Notice to File Missing Parts Assignment & Recordation Cover Sheet Declaration Power of Attorney Application Data Sheet Information Disclosure Statement & PTO/SB/08A Copies of IDS Cited References Request for Corrected Filing Receipt Request for Correction of Recorded Assignment Amendment/Response: [ ] Page(s)	Appeal Commun Interferences  Appeal Commun (Appeal Notice, I) Certified Copy of After Allowance (	raftsperson s): c) of Figure(s) [ ] ication to Board of Appeals and ication to Group Brief, Reply Brief) Priority Document(s) Communication to Group
	REMARKS: ***Total Number of Pages in This Submission	on" does not include cited re	eferences.
}	Circuit 7	ATTORNEY OR AGEN	IT
	Attorney/Reg. No.: Jeffrey Brill, Reg. No. 51 198		
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-	I nereby certify that this correspondence including the anglesums in	TE OF MAILING	
	first class mail in an envelope addressed to: Commissioner for Pate If the Express Mail Mailing Number is filled in below, then this corres "Express Mail Post Office to Addressee" service pursuant to 37 CFF	ins, F.O. Box 1450, Alexandna,	od with the United States Postal Service as VA 22313-1450 on the date shown below. the United States Postal Service

Dated:

Jeffrey Brill

Signature:

Typed or Printed Name:

Express Mail Mailing Number (optional):

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PLICANT(S):

Pawan Goyal

PPLICATION NO.:

09/503,975

FILING DATE:

February 14, 2000

TITLE:

Restricting Communication of Selected Processes to a Set of

Specific Network Addresses

**EXAMINER:** 

Gail O. Hayes

GROUP ART UNIT:

2131

ATTY. DKT. NO.:

21816-04464

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated:

By: Jeffrey Brill, Reg. No.: 51,198

COMMISSIONER FOR PATENTS

P.O. BOX 1450

ALEXANDRIA, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner. Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;



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	before	e the m	ailing of a first official action after the filing of a request for
	contin	nued ex	camination (RCE) under 37 CFR § 1.114;
	after t	hree m	onths of the filing date of this national application or the date
	of ent	ry of th	ne national stage in an international application, or after the
	mailir	ng date	of the first official action on the merits, whichever event last
	occur	red, but	t before the mailing date of the first to occur of either: (1) a
	final a	action u	under 37 CFR §1.113; or (2) an action that otherwise closes
	prose	cution i	n the application, and:
		attac	thed hereto is the fee set forth under 37 CFR §1.17(p) for
			nission of this Information Disclosure Statement under 37
			.§ 1.97(c); OR
		App	licant certifies pursuant to 37 CFR § 1.97(e) that:
	•		each item of information contained in this Information
			Disclosure Statement was first cited in a communication
			from a foreign patent office in a counterpart foreign
			application not more than three months prior to the filing of
			this Statement; OR
			no item of information contained in this Information
	•		Disclosure Statement was cited in a communication from a
		•	foreign patent office in a counterpart foreign application
			and, to the knowledge of the person signing this
			certification after making reasonable inquiry, no item of
·			information contained in this Statement was known to any
			individual designated under 37 CFR § 1.56(c) more than
			three months prior to the filing of this Statement,
	on or	before	the payment of the issue fee but after the mailing date of the
•	first to	o occur	of either: (1) a final action under 37 CFR § 1.113; (2) a
	nouce	of allo	owance under 37 CFR § 1.311; or (3) an action that otherwise
	closes		cution in the application, and:
	U	Appi	icant certifies pursuant to 37 CFR. § 1.97(e) that:
			each item of information contained in this Information
			Disclosure Statement was cited in a communication from a
			foreign patent office in a counterpart foreign application not
			more than three months prior to the filing of this Statement;
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				CFR.§ 1.	.97(c); OR						٠.
	٠.		after the	e paymen	nt of the iss	ue fee. A	pplican	t reques	ts that	the infor	mation
			contain	ed in this	Information	on Disclos	ure Sta	tement l	be plac	ed in the	file
			accordi	ng to 37	CFR § 1.97	7(i), althou	igh the	informa	tion m	av not be	e
		-	conside	red by th	e USPTO.					,	-
		This a	pplicatio	n relies, ι	ınder 35 U	.S.C. § 12	0, on th	e earlie	r filing	date of	prior
		applica	ation No.	[APPLIC	CATION N	UMBER]	, filed o	n [FILI	NG DA	ATE], an	d the
		referer	ices cited	l therein :	are hereby	referenced	i, but ar	e not re	quired	to be pro	ovided
		in this	applicati	on under	37 CFR §	1.98(d).					
		Each in	tem of in	formatio	n containe	l in this In	formati	on Disc	losure	Stateme	nt was
		cited in	n a comn	nunication	n from a fo	reign pate	nt offic	e in a c	ountern	art appl	ication.
		and the	commu	nication '	was not rec	ceived by a	any indi	vidual o	designa	ited in 3	7 CFR
		§ 1.56(	(c) more	than thirt	y days pric	or to the fil	ling of t	his Info	rmatio	n Disclo	sure
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Substitute for form 1449A/PTO Complete if Known ÍNFORMATION DISCLOSURE Application No. 09/503,975 **Filing Date** STATEMENT BY APPLICANT February 14, 2000 **First Named Inventor** Pawan Goyal **Art Unit** 2131 **Examiner Name** Gail O. Hayes Sheet of Attorney Docket Number 2 21816-04464

	<del></del>		U.S. PATE	ENT DOCUMENTS
		Document No.	. ,	
Examiner Initials*	Cite No. <sup>1</sup>	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	Α	US-6,553,413	04-22-2003	Leighton et al.
	В	US-6,529,950	03-04-2003	Lumelsky et al.
	С	US-6,499,137	12-24-2002	Hunt
	D	US-6,487,578	11-29-2002	Ranganathan
	E	US-6,434,631	08-13-2002	Bruno et al.
	F.	US-6,385,638	05-07-2002	Baker-Harvey
· · · · · ·	G	US-6,363,053	03-26-2002	Schuster et al.
	Н	US-6,353,616	03-05-2002	Elwalid et al.
	1	US-6,351,775	02-26-2002	Yu
	J	US-6,336,138	01-01-2002	Caswell et al.
	K	US-6,327,622	12-04-2001	Jindal et al.
	L	US-6,314,558	11-06-2001	Angel et al.
	М	US-6,286,047	09-04-2001	Ramanathan et al.
· 	N	US-6,282,703	08-28-2001	Meth et al.
	0	US-6,279,040	08-21-2001	Ma et al.
	Р	US-6,279,039	08-21-2001	Bhat et al.
	Q	US-6,247,057	06-12-2001	Barrera
	R	US-6,240,463	05-29-2001	Benmohamed et al.
	S	US-6,230,203	05-08-2001	Koperda et al.
	T	US-6,172,981	01-09-2001	Cox et al.
	U	US-6,154,778	11-28-2000	Koistinen et al.
	٧	US-6,154,776	11-28-2000	Martin
	W	US-6,108,701	08-22-2000	Davis et al.
	Χ	US-6,094,674	07-25-2000	Hattori, et al.
	Υ	US-6,092,178	07-18-2000	Jindal et al.

Examiner Signature	Date Considered	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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der the Paperwork Reduction Act of 1995, no persons are required to respond to	U.S. Patent and Trad to a collection of inforr	matic	ark Office: U.S. DEPARTMENT OF COMMERCE on unless it contains a valid OMB control number

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	•			Art Unit	2131	
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Sheet	2	of	2	Attorney Docket Number	21816-04464	·

			U.S. PATE	ENT DOCUMENTS
		Document No.		
Examiner Initials*	Cite No. <sup>1</sup>	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	Z	US-6,055,617	04-25-2000	Kingsbury
	AA	US-6,038,609	03-14-2000	Geulen
······································	BB	US-6,038,608	03-14-2000	Katsumanta
·	CC	US-5,999,963	12-07-1999	Bruno et al.
· · · · · · · · · · · · · · · · · · ·	DD	US-5,987,524	11-16-1999	Yoshida et al.
	EE	US-5,933,603	08-03-1999	Vahalia, et al.
·	FF.	US-5,915,095	06-22-1999	Miskowiec
	GG	US-5,905,859	05-18-1999	Holloway, et al.
	HH	US-5,799,173	08-25-1998	Gossler et al.
	11	US-5,719,854	02-17-1998	Choudhury et al.
	IJ	US-5,640,595	06-17-1997	Baugher et al.

			FOREIGN PATENT	OCUMENTS	
		Foreign Patent Document			
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Т6

Examiner Initials*	Cite No. <sup>1</sup>	OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
;	KK	Symbol Table, [online] copyright 1997, 1998, [Retrieved on April 4, 2003] Retrieved from the internet < URL: http://216.239.33.100/search?q=cache:eASXk8qCAC:www.caldera.com/developers/gabi/1998-04-29/ch4.s], Pages 1-5	

Examiner Signature	Date Considered	
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Date Mailed: 2/21/01 Atty/Sec: JB	/cck   Filing Date: February 14, 200
Serial No. 09/503,975	Docket No.: 21816-04464
Applicant: Pawan Goyal	
Title: Restricting Communication of Selected Pro	cesses to a Set of Specific Network Addre
Please imprint Patent Office "date stamp" hereon to in	dicate receipt and then return card to address
□ Transmittal Form	CPA Request Transmittal
Fee Transmittal (in duplicate)	Request to Correct Filing Receipt
Resp. to Notice Of Missing Parts	Request to Correct Assignment
Assignment & Recordation Cover Sheet	Amendment/Response
☐ Declaration	☐ Issue Fee Transmittal
Small Entity Statement	Letter to Chief Draftsperson
☑ IDS, PTO-1449, and cited references A-H	Formal Drawings: sheets
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TRANSMITTAL FORM (to be used for all correspondence during pendency of filed application)		Filin	g Da	te	February 14, 2000		
		First	Nar	ned Inventor	Pawan Goya	ıl	
		Grou	ıp Aı	t Unit Number	2759		
			Exar	mine	r Name	Not yet knov	vn
Total Number of Pages in This Submission 5*			Atto	mey	Docket Number	21816-04464	
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Attomey/Reg. No.: A	lbert C. Smith, Reg.	No. 20,355				Dated:	2/2/01
		ERTIFIC	ATE	OF	MAILING		
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Typed or Printed Name:	Albert C. Smith					Dated:	2/21/01
Express Mail Mailing Nu	ımber (optional):						7-101



## IN THE UNITED STATES

### PATENT AND TRADEMARK OFFICE

APPLICANTS:

Pawan Goyal

APPLICATION NO.:

09/503,975

FILING DATE:

February 14, 2000

TITLE:

Restricting Communication of Selected Processes to a Set of Specific

Network Addresses

**EXAMINER:** 

Not yet known

**GROUP ART UNIT:** 

2759 2131

ATTY. DKT. NO.:

21816-04464

## **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, Washington, D.C. 20231, on the date shown below:

Dated:

2/21/01

Albert C. Smith, Reg. No.: 20,355

COMMISSIONER FOR PATENTS WASHINGTON, DC. 20231

## INFORMATION DISCLOSURE STATEMENT Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO-1449 listing references for consideration by the Examiner. A copy is enclosed herewith of each listed reference which may be material to the examination of this application, and with respect to which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

	This	application relies, under 35 U.S.C. § 120, on the earlier filing date of prior
		cation Serial No. [SERIAL NUMBER], filed on [FILING DATE], and the
		ences cited therein are hereby referenced, but are not required to be provided in
		application under 37 CFR § 1.98(d).
The In	nformat	tion Disclosure Statement submitted herewith is being filed:
	-	
	$\boxtimes$	within three months of the filing date of the application, or date of entry into
		the national stage of an international application, or before the mailing date o
	_	a first official action on the merits, whichever event last occurred; OR
		before the mailing of a first official action after the filing of a request for
		continued examination (RCE) under 37 CFR § 1.114;
		after three months of the filing date of this national application or the date of
		entry of the national stage in an international application, or after the mailing
		date of the first official action on the merits, whichever event last occurred,
		but before the mailing date of the first to occur of either:
		(1) a final action under 37 CFR §1.113; OR
		(2) a notice of allowance under 37 CFR §1.311; AND
		attached hereto is the fee of \$180, as set forth under 37 CFR §1.17(p)
		for submission of this Information Disclosure Statement under 37
	-	CFR.§ 1.97(c); OR
•		Applicant certifies pursuant to 37 CFR § 1.97(e) that:
		each item of information contained in this Information
		Disclosure Statement was cited in a communication from a
		foreign patent office in a counterpart foreign application not
		more than three months prior to the filing of this Statement;
		OR
		no item of information contained in this Information
		Disclosure Statement was cited in a communication from a
		foreign patent office in a counterpart foreign application or, t
		the knowledge of the person signing this certification after
		making reasonable inquiry, was known to any individual
		designated under 37 CFR § 1.56(c) more than three months
		prior to the filing of this Statement.
		OR
•		before the payment of the issue fee but after the mailing date of the first to
		occur of either:

	[1]	a final action under 37 CFR § 1.113; OR
	[2]	a notice of allowance under 37 CFR § 1.311; AND
		in accordance with the requirements of 37 CFR § 1.97(d):
		Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
		each item of information contained in this Information
		Disclosure Statement was cited in a communication from a
		foreign patent office in a counterpart foreign application not
	,	more than three months prior to the filing of this Statement;
		OR
		no item of information contained in this Information
		Disclosure Statement was cited in a communication from a
		foreign patent office in a counterpart foreign application or, to
		the knowledge of the person signing this certification after
		making reasonable inquiry, was known to any individual
		designated under 37 CFR § 1.56(c) more than three months
		prior to the filing of this Statement; AND
	· 🔲	Applicant hereby respectfully petitions for the consideration of
		the accompanying Information Disclosure Statement under 37 CFR
		§ 1.97(d)(2); AND
•		Applicant submits the petition fee of \$180 as set forth in 37 CFR §
		1.17(p).
		nits that no fee is required for the consideration of the accompanying
Inform	ation Disclosure Staten	nent.
	Consideration of the li	sted references and favorable action are solicited.
		Respectfully submitted,
	·	PAWAN GOYAL
Dotodi	2/21	01 2 2 4
Dated:		By: Albert C. Smith, Reg. No.: 20,355
		Fenwick & West LLP
		Two Palo Alto Square
		Palo Alto, CA 94306
		Tel.: (650) 858-7296 Fax.: (650) 494-1417
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INF	ORM	MATION DISCLOSU	RE CITA	TION	Applicant	Pawan G	∋oyal		
· ·		(Use several sheets if neces			Filing Date February 14, 20		Group Art Unit	2759	
			U.S. P.	ATENT DOC	CUMENTS				
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	Α.	Goyal, P. et al., "Start-t	time Fair Qı	Queuing: A Scho	eduling Algorithm for I	Integrated	d Services	Packet	
· ·	<u> </u>	Switching Networks," P	Proceedings	s of ACM SIGO	COMM '96, San Franci	isco, CA.	. August 19	996. 14 pa	ages
	D	Jánosi, T., "Notes on 'A Goyal, Xingang Guo ar <url: cs.cornell.<="" http:="" td=""><td>nd Harrick \</td><td>Vin," [online], [</td><td>[retrieved on 5-8-2000]</td><td>perating a J. Retriev</td><td>Systems' be ed from the</td><td>y Pawan e internet</td><td>i:</td></url:>	nd Harrick \	Vin," [online], [	[retrieved on 5-8-2000]	perating a J. Retriev	Systems' be ed from the	y Pawan e internet	i:
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EXAMINER				DATE (	CONSIDERED				
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Include copy of this form with next communication to applicant.



Date Mailed: O-QO-O-U | Atty/Par: SAT/klm | Filing Date: February 14, 2000 |
Application No.: 09/503,975 | Docket No.: 21816-04464 |
Applicants: Pawan Goyal

<u>Title: Restricting Communication of Selected Processes to a Set of Specific Network Addresses</u>

Please imprint Patent Office "date stamp" hereon to indicate receipt and return card to addressee.

Transmittal IDS, PTO/SB/08A and cited references



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	Total Number of Pages in This Submission 5*				ney	Docket Number	21816-044	64
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PPLICANT(S):

Pawan Goyal

APPLICATION NO.:

09/503,975

FILING DATE:

February 14, 2000

TITLE:

Restricting Communication of Selected Processes to a Set of

Specific Network Addresses

**EXAMINER:** 

Thomas M. Ho

**GROUP ART UNIT:** 

2134

ATTY. DKT. NO.:

21816-04464

#### **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated: 2-20-04

By: Asha-ama Truesdale Sabra-Anne Truesdale, Reg. No. P-55,687

COMMISSIONER FOR PATENTS

P.O. BOX 1450

**ALEXANDRIA, VA 22313-1450** 

## INFORMATION DISCLOSURE STATEMENT Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner. Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;

٠	ociore the man	and of a first official action after the filing of a request for
		mination (RCE) under 37 CFR § 1.114;
		nths of the filing date of this national application or the date
	of entry of the	national stage in an international application, or after the
	mailing date o	f the first official action on the merits, whichever event last
	occurred, but l	pefore the mailing date of the first to occur of either: (1) a
	final action un	der 37 CFR §1.113; or (2) an action that otherwise closes
	prosecution in	the application, and:
		ed hereto is the fee set forth under 37 CFR §1.17(p) for
	submi	ssion of this Information Disclosure Statement under 37
		§ 1.97(c); OR
	☐ Appli	cant certifies pursuant to 37 CFR § 1.97(e) that:
		each item of information contained in this Information
		Disclosure Statement was first cited in a communication
,		from a foreign patent office in a counterpart foreign
•	•	application not more than three months prior to the filing of
		this Statement; OR
•		no item of information contained in this Information
		Disclosure Statement was cited in a communication from a
		foreign patent office in a counterpart foreign application
•		and, to the knowledge of the person signing this
		certification after making reasonable inquiry, no item of
		information contained in this Statement was known to any
		individual designated under 37 CFR § 1.56(c) more than
•	. *	three months prior to the filing of this Statement;
	on or before t	he payment of the issue fee but after the mailing date of the
	first to occur	of either: (1) a final action under 37 CFR § 1.113; (2) a
	notice of allo	wance under 37 CFR § 1.311; or (3) an action that otherwise
	closes prosec	ution in the application, and:
	Appli	cant certifies pursuant to 37 CFR. § 1.97(e) that:
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		Disclosure Statement was cited in a communication from a
		foreign patent office in a counterpart foreign application not
	·	more than three months prior to the filing of this Statement;
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	contained in this In	formation Dis	closure Statement be	placed in the file
	according to 37 CF	R § 1.97(i), al	though the informatio	n may not be
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	This application relies, unc	ler 35 U.S.C.	§ 120, on the earlier fi	ling date of prior
•	application No.[APPLICA	TION NUMB	ER], filed on [FILINC	DATE], and the
	references cited therein are	hereby refere	nced, but are not requ	ired to be provided
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		Fenwick &	West LLP	1-33,007
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Sheet

	Complete if Known	
Application No.	09/503,975	
Filing Date	February 14, 2000	
First Named Inventor	Pawan Goyal	•
Art Unit	2134	
Examiner Name	Thomas M. Ho	
Attorney Docket Number	21816-04464	<del></del>

<u> </u>			U.S. PATE	ENT DOCUMENTS
· ·		Document No.		
Examiner Initials*	Cite No.1	Number – Kind Code² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
·	A1	US-5,572,680	11-05-1996	Ikeda et al.
	A2	US-5,727,203	03-10-1998	Hapner et al.
	A3	US-5,864,683	01-26-1999	Boebert et al.
	A4	US-5,889,996	03-30-1999	Adams
	A5	US-6,298,479B1	10-02-2001	Chessin et al.
	A6	US-6,434,742	08-13-2002	Koepele, Jr.
	A7	US-6,542,167B1	04-01-2003	Darlet et al.

	·		FOREIGN PA	TENT DOCUMENTS	
	<u> </u>	Foreign Patent Document			<del></del>
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Τ <sup>6</sup>
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Examiner	Cite	OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog etc.) deto	
Initials*	No.'	journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
	<b>-</b>		1
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Examiner Signature	Date Considered	

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



 Date Mailed:
 10-15-04
 Atty/Par: SAT/klm
 Filing Date: February 14, 2000

 Application No.: 09/503,975
 Docket No.: 21816-04464

Applicants: Pawan Goyal

<u>Title: Restricting Communication of Selected Processes to a Set of Specific Network Addresses</u>

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Transmittal IDS, PTO/SB/08A and cited references



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Rev. 10/95	U.S. Department of Comme Patent and Trademark Of	erce i	Application Number	09/503,975
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1	MITTAL FORM	- 1	First Named Inventor	Pawan Goyal
(to be used for all co	orrespondence during pendency iled application)	of [	Group Art Unit Number	2151
			Examiner Name	Andrew T. Caldwell
Total Number of Pag	es in This Submission 5*		Attorney Docket Number	21816-04464
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Signature:

Typed or Printed Name: Sabra-Anne Truesdale

Express Mail Mailing Number (optional):

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

Pawan Goyal

TAPPLICATION NO.:

09/503,975

FILING DATE:

February 14, 2000

TITLE:

Restricting Communication of Selected Processes to a Set of

Specific Network Addresses

**EXAMINER:** 

Andrew T. Caldwell

GROUP ART UNIT:

2151

ATTY. DKT. NO.:

21816-04464

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Dated:

10-15-04

By: AssiaTnay

abra-Anne Truesdale, Reg. No. 55,687

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## INFORMATION DISCLOSURE STATEMENT Under 37 CFR §§ 1.56 and 1.97-98

SIR:

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The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

within three months of the filing date of the application, or date of entry into
the national stage of an international application, or before the mailing date of
a first office action on the merits, whichever event last occurred;
before the mailing of a first official action after the filing of a request for
 continued examination (RCE) under 37 CFR § 1.114;
after three months of the filing date of this national application or the date of

after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing

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٠.	date of	the first official action on the merits, whichever event last occurred,	but
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	37 CFR	§1.113; or (2) an action that otherwise closes prosecution in the	
٠.		ion, and:	
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·		more than three months prior to the filing of this Statement	
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	•	foreign patent office in a counterpart foreign application and	
		to the knowledge of the person signing this certification after	
		making reasonable inquiry, no item of information containe	
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		ntion in the application, and:	
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		Disclosure Statement was cited in a communication from a	
		foreign patent office in a counterpart foreign application no	
		more than three months prior to the filing of this Statement	
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		foreign patent office in a counterpart foreign application and	
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		lling of this Statement; AND
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· .		hereto is the fee set forth under 37 CFR §1.17(p) for
		on of this Information Disclosure Statement under 37 CFR.§
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	contained in this	Information Disclosure Statement be placed in the file
•	according to 37	CFR § 1.97(i), although the information may not be
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	this application and for	ach listed reference that may be material to the examination of
		which there may be a duty to disclose.
L	This application relies, t	under 35 U.S.C. § 120, on the earlier filing date of prior
	application No.	, filed on, and the references cited therein are hereb
	referenced, but are not r	equired to be provided in this application under 37 CFR §
•	1.98(d).	
	This application was file	ed after June 30, 2003. Therefore, pursuant to the waiver of
•		37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each
		Publication are not required to be submitted. Copies of any
	foreign natent documen	ts and non-patent literature cited herein are enclosed.
П		
		n contained in this Information Disclosure Statement was
		on from a foreign patent office in a counterpart application,
		was not received by any individual designated in 37 CFR §
	1.56(c) more than thirty	days prior to the filing of this Information Disclosure
	Statement. 37 CFR § 1.	.704(d).
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	•	Respectfully submitted, Pawan Goyal
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Dated:	0-15-04	By: Sabra Truesdalo
		Sabra-Anne Truesdale, Reg. No. 55,687
		Fenwick & West LLP
		Silicon Valley Center
		801 California Street
		Mountain View, CA 94041
		Tel.: (650) 335-7187 Fax.: (650) 938-5200
		Cax.: 10 301 <b>93X•7</b> /80

PTO/SB/08A (10-01)

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TRADE!	Substitute to	r form 1449A/I	PTO		Complete if Known	
INFORMATION DISCLOSURE				Application No.	09/503,975	
STATEMENT BY APPLICANT				Filing Date	February 14, 2000	
OWN THE THE PARTY COUNTY				First Named Inventor	Pawan Goyal	
				Art Unit	2151	
		<u> </u>	<u> </u>	Examiner Name	Andrew T. Caldwell	
Sheet	1	of	_ 1	Attorney Docket Number	21816-04464	

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		• • • · · ·	U.S. PATE	NT DOCUMENTS
		Document No.		
Examiner Initials*	Cite No.	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US-5,189,667A	02-1993	Esaki et al.
	<u>.</u>	US-5,623,492A	04-1997	Teraslinna, Kari
		US-5,838,686A	11-1998	Ozkan, Mehmet Kemal
		US-5,889,956A	03-1999	Hauser et al.
		US-5,982,748A	11-1999	Yin et al.
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		·	FOREIGN PAT	TENT DOCUMENTS	
		Foreign Patent Document			<del></del>
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
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Examiner Initials*	Cite No.1	OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
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Date Mailed: November 10 2003 | Atty/Sec: SAT/dkc | Filing Date: February 14, 2000 |
Application No.: 09/503,975 | Docket No.: 21816-04464 |
Applicants: Pawan Goyal

Title: Restricting Communication of Selected Processes to a Set of Specific Network Addresses

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Rev. 10/95  U.S. Department of Commerce Patent and Trademark Office	Application Number 09/503,975	OMMERCOL
	Filing Date February 14, 2000	
TRANSMITTAL FORM	First Named Inventor Pawan Goyal	
(to be used for all correspondence during pendency of filed application)	Group Art Unit Number 2134	
	Examiner Name Thomas M. Ho	
Total Number of Pages in This Submission 5*	Attorney Docket Number 21816-04464	<u>.</u>
ENCLOSURES	(check all that apply)	<del></del>
Fee Transmittal Form (in duplicate) Check Enclosed  Return Receipt Postcard Response to Notice to File Missing Parts Assignment & Recordation Cover Sheet Declaration Power of Attorney Application Data Sheet Information Disclosure Statement & PTO/SB/08A Copies of IDS Cited References A-C Request for Corrected Filing Receipt Request for Correction of Recorded Assignment Amendment/Response: [ ] Page(s) After Final  Status Request Revocation and Substitute Power of Attorney	Issue Fee Transmittal Letter to Chief Draftsperson Formal Drawing(s):  [ ] Sheet(s) of Figure(s) [ ] Appeal Communication to Board of Appeal Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Certified Copy of Priority Document(s) After Allowance Communication to Group	•
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRI/CANT(S):

Pawan Goyal

e maneus APPLICATION NO.:

09/503,975

FILING DATE:

February 14, 2000

TITLE:

Restricting Communication of Selected Processes to a Set of

Specific Network Addresses

**EXAMINER:** 

Thomas M. Ho

**GROUP ART UNIT:** 

2134

ATTY. DKT. NO.:

21816-04464

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SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner. Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

within three months of the filing date of the application, or date of entry  $\square$ into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;

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and	, to the knowledge of the person signing this
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CFR.§ 1.97	(c); OR
after the payment o	f the issue fee. Applicant requests that the information
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according to 37 CF	R § 1.97(i), although the information may not be
considered by the U	JSPTO.
This application relies, unc	ler 35 U.S.C. § 120, on the earlier filing date of prior
application No.[APPLICA	TION NUMBER], filed on [FILING DATE], and the
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☐ Each item of information c	ontained in this Information Disclosure Statement was
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§ 1.56(c) more than thirty of	lays prior to the filing of this Information Disclosure
Statement. 37 CFR § 1.70	4(d).
Applicant submits that no f	fee is required for the consideration of this Information
Disclosure Statement.	
Consideration of the listed reference	ces and favorable action are solicited.
	Respectfully submitted, PAWAN GOYAL
	TAWAN GOTAL
Dated: 11/ 10/03	By:
	Jeffrey Brill, Reg. No.: 51,198
	Fenwick & West LLP
	Silicon Valley Center 801 California Street
	Mountain View, CA 94041
	Tel.: (650) 335-7291
	Fax.: (650) 938-5200

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INFO	RMATIO	N DISC	LOSURE	Application No.	09/503,975	
STATEMENT BY APPLICANT		Filing Date	February 14, 2000			
		First Named Inventor	Pawan Goyal			
	•			Art Unit	2131	
Chast	·	<del></del>		Examiner Name	Gail O. Hayes	
Sheet	] ]	of	1	Attorney Docket Number	21816-04464	

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	<u> </u>	Document No.		
Examiner Initials*	Cite No.1	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	Α	US-6,578,068	06-10-2003	Bowman-Amuah
	В	US-6,282,581	08-28-2001	Moore et al.
	С	US-5,764,889	06-09-1998	Ault et al.
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		Foreign Patent Document			г
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Tº
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